CCS Technical Documentation
RH-34 Series Transceivers

Parts Lists

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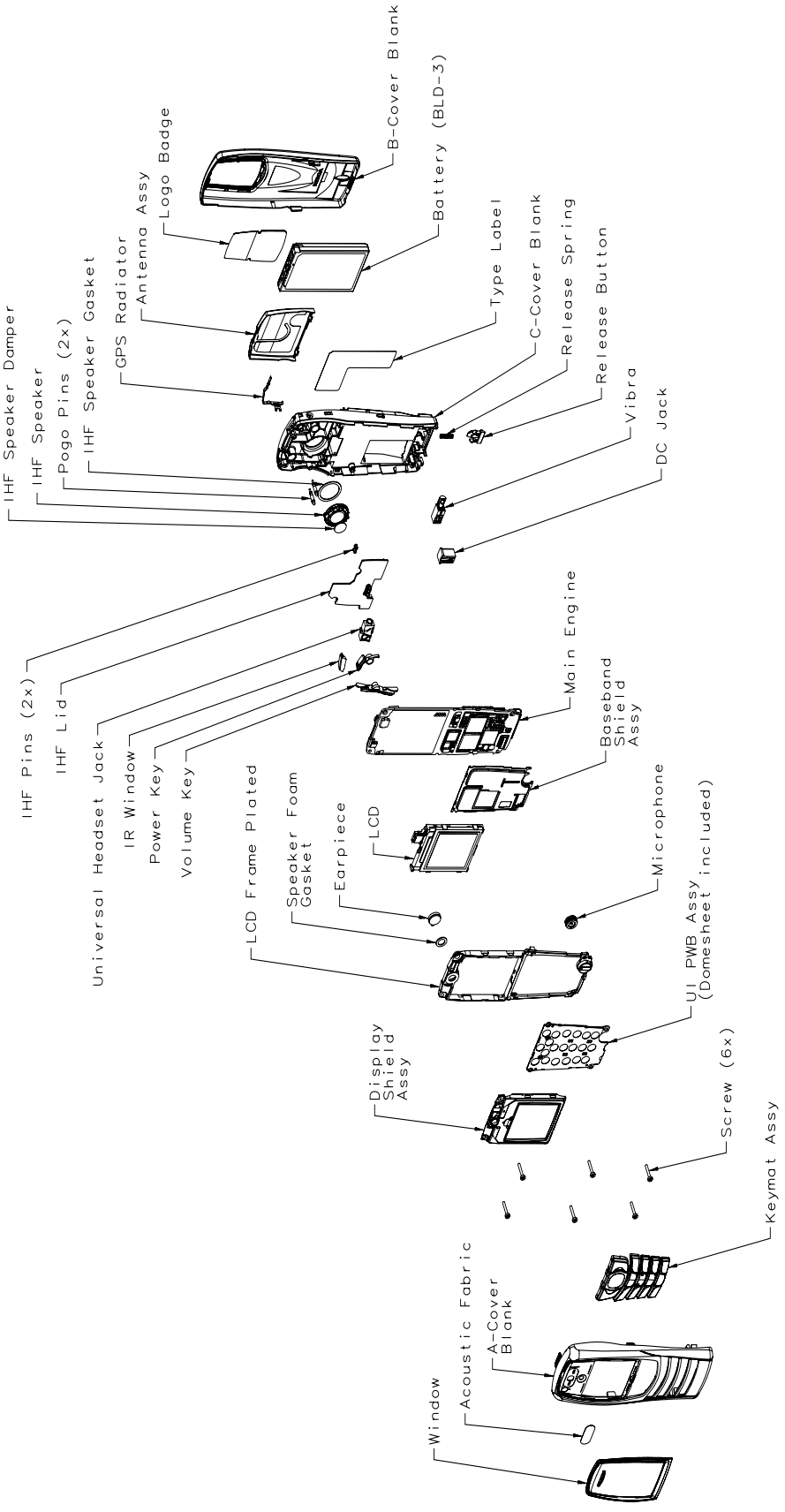
Exploded View



Assembly Parts of Basic Transceiver RH-34

Item	Qty	Code
Window	1	9459246 9459247 9459248
Acoustic Fabric	1	9481098
A-Cover Blank	1	9453332
Keymat Assy	1	9791255 9791244 9791245
Screws	6	6290107
Display Shield Assy	1	9517370
UI PWB Assy (domesheet included)	1	0202222
LCD Frame plated	1	9467121
Speaker foam gasket	1	9481158
Microphone	1	5140263
LCD	1	4850291
Baseband shield assembly	1	9517329
Main engine	1	0202094
Volume key	1	9453377
Power key	1	9453133
IR window	1	9453137
Universal headset jack	1	5469801
IHF lid	1	9460573
IHF pins	2	9560164
DC jack	1	5400243
Vibra	1	6800057
Release button	1	9452502
Release spring	1	9511021
C-Cover blank	1	9453143
IHF speaker damper	1	9480909
IHF speaker	1	5140253
Pogo pins	2	5400319
IHF speaker gasket	1	9481118
GPS radiator	1	9560309

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Item	Qty	Code
Antenna Assy	1	0660301
Battery (BLD-3)	1	0670352
Logo badge	1	9430474
B-Cover	1	9453142

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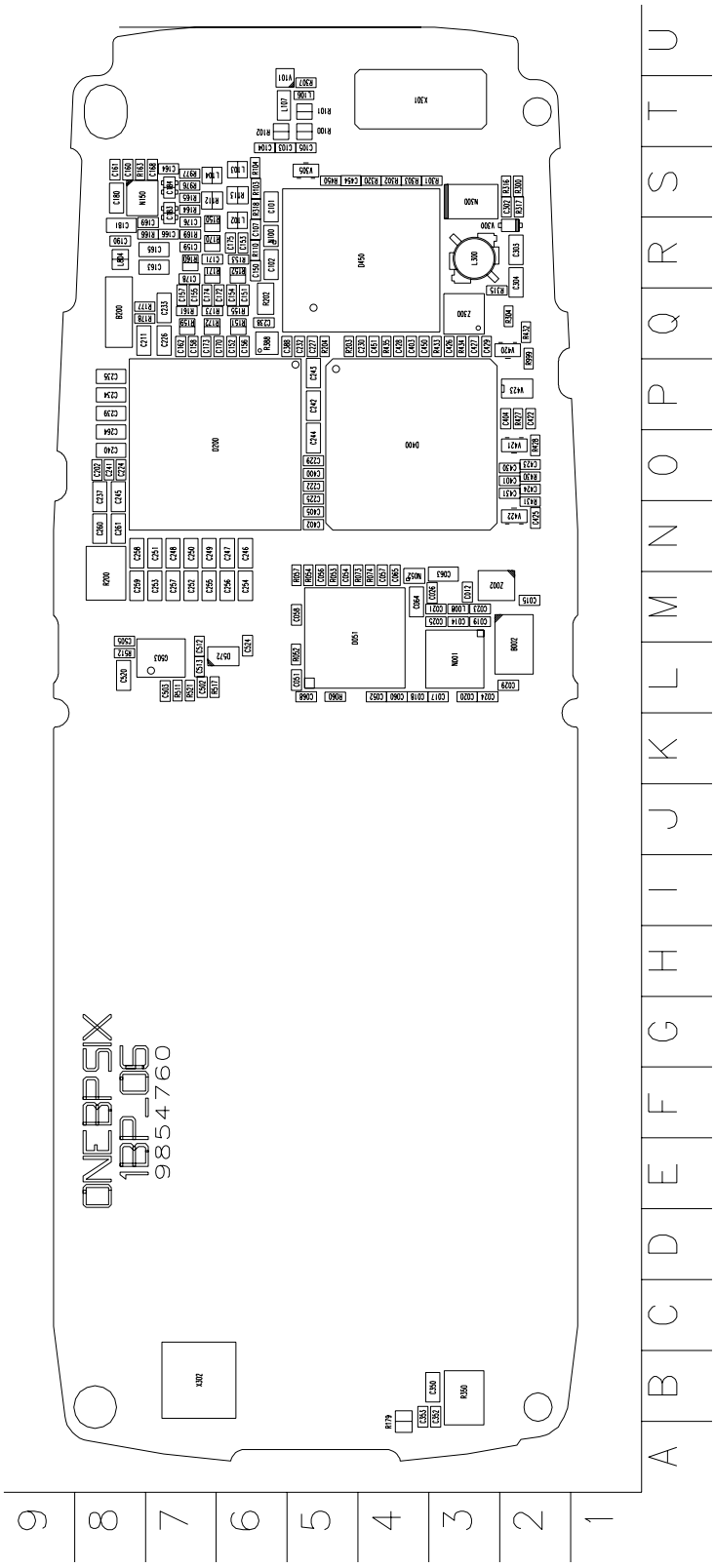
Component Layout – Top



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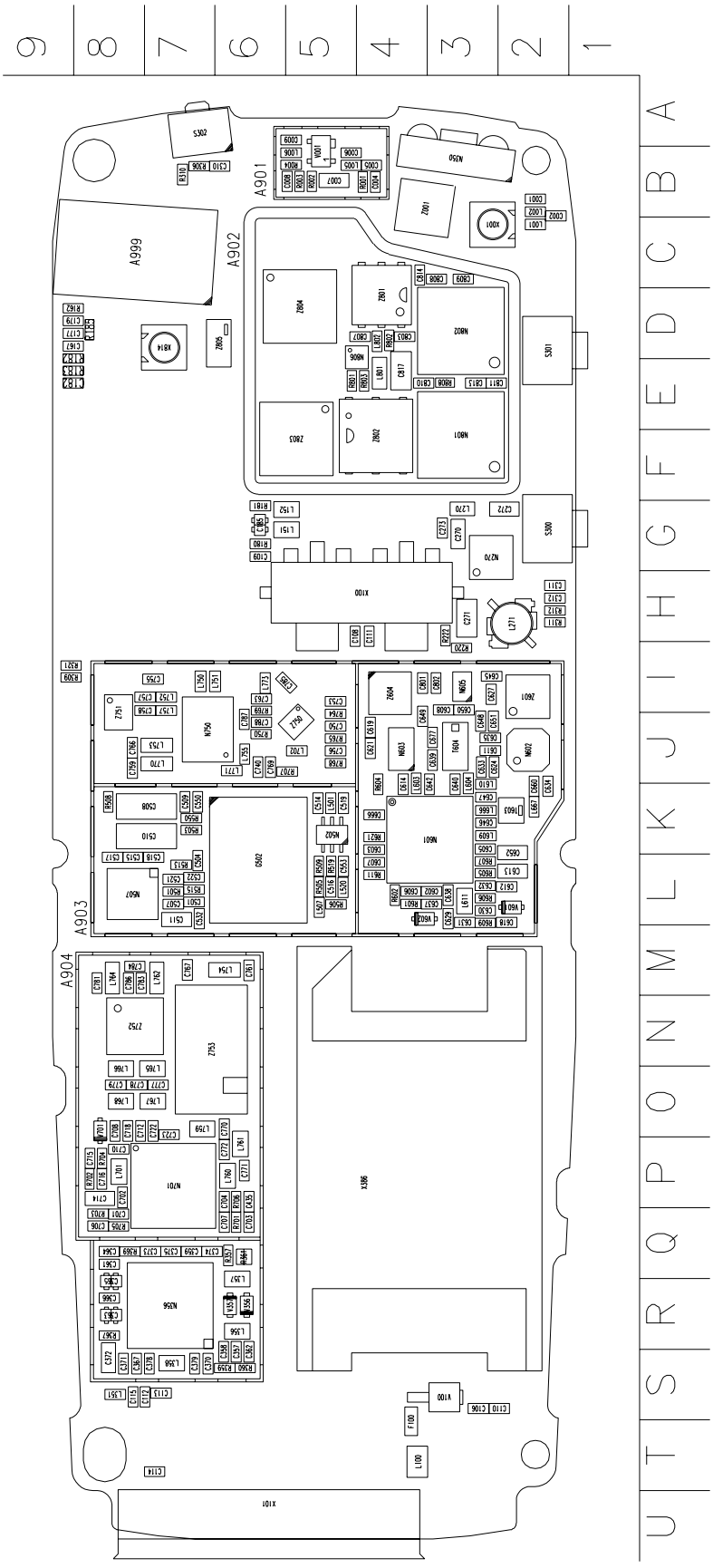
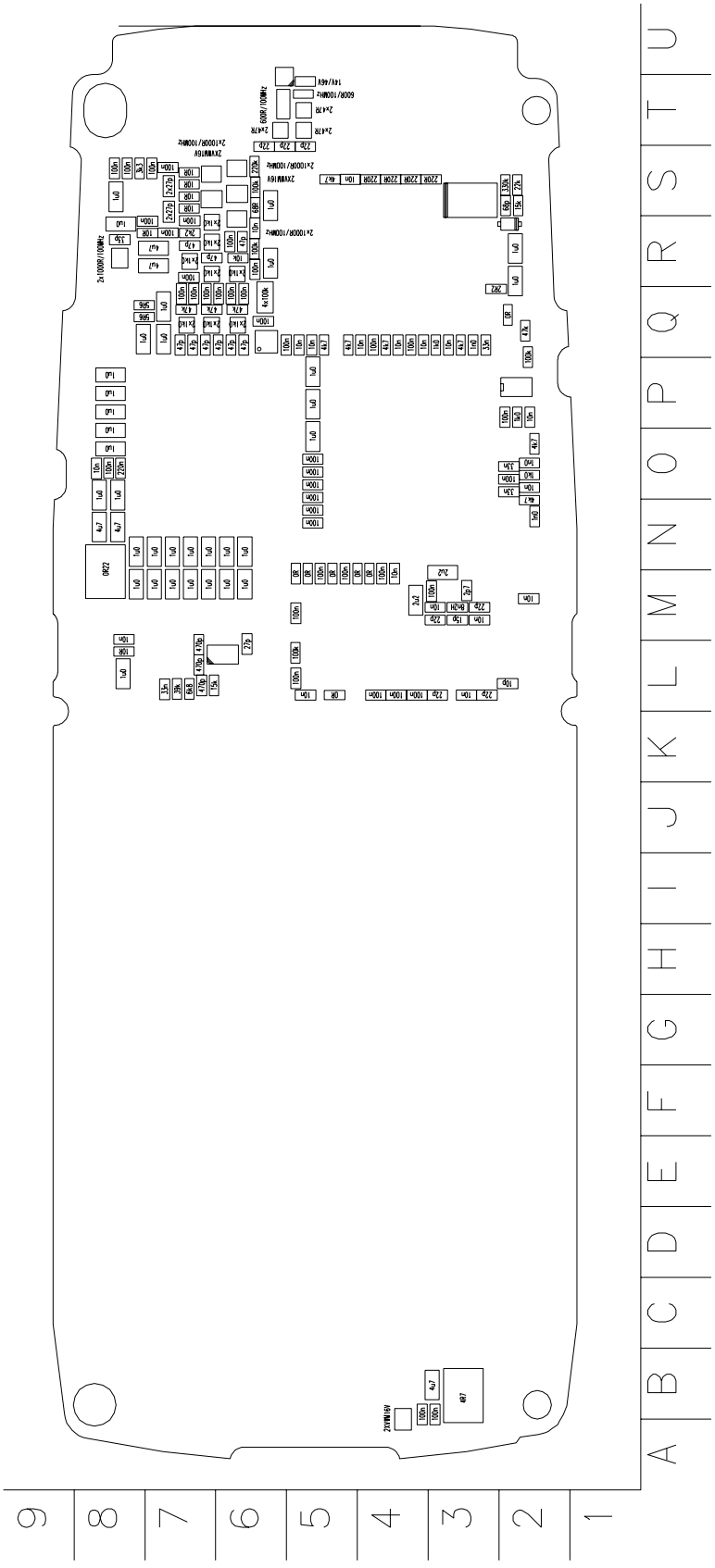
Component Layout – Bottom



Component Values — Top



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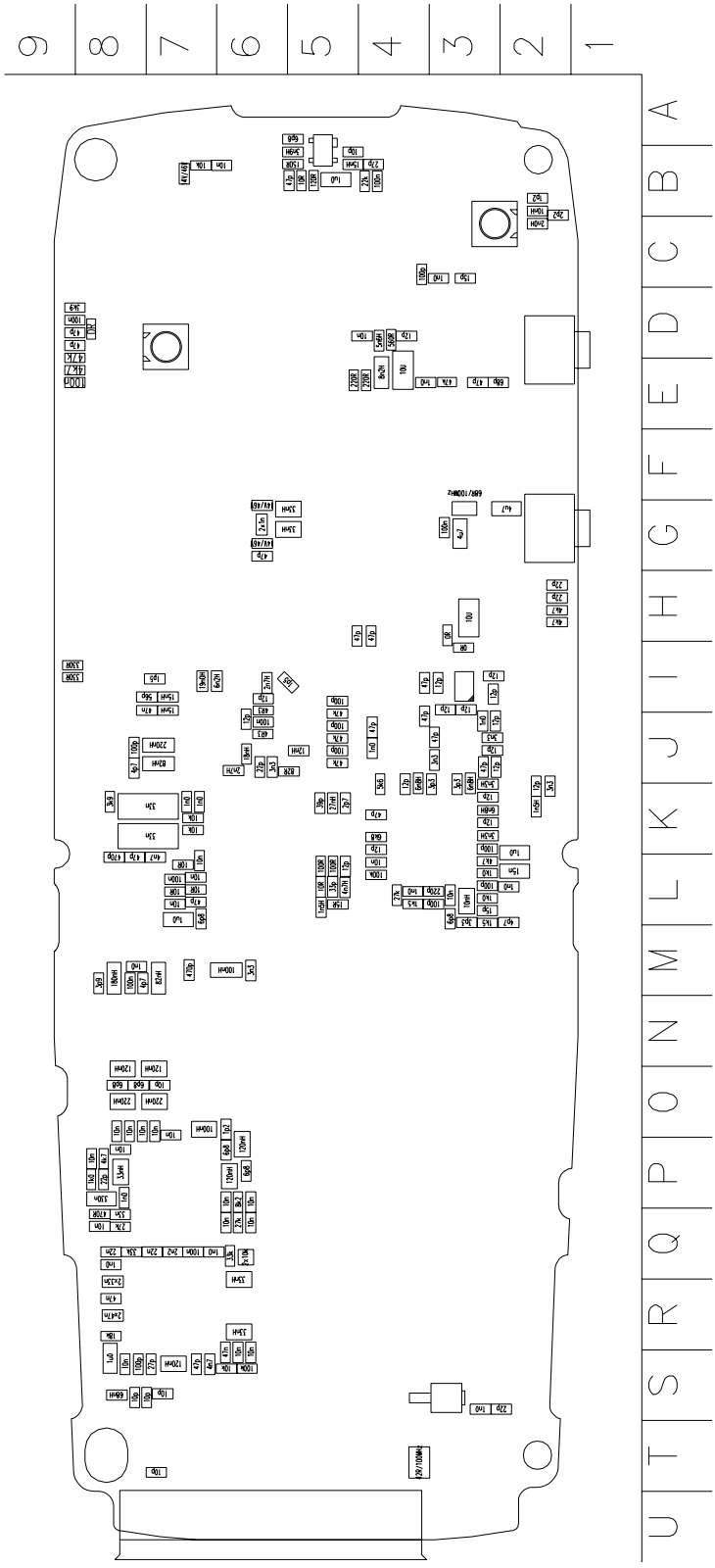
Component Values — Bottom



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Parts List

RH-34 (6585) – EDMS Issue 9.4 Code: 0202124

Item	Code	Side	X	Y	Description	Value	Type
R001	1430788	Bottom	B	4	chip res	0W06 22K J	0402
R002	1430728	Bottom	B	5	chip res	0W06 120R J	0402
R003	1430700	Bottom	B	5	chip res	0W06 10R J	0402
R004	1430730	Bottom	B	5	chip res	0W06 150R J	0402
R052	1430804	Top	L	5	chip res	0W06 100K J	0402
R053	1430690	Top	M	5	chip res jumper	0R0	0402
R054	1430690	Top	M	5	chip res jumper	0R0	0402
R057	1430690	Top	M	5	chip res jumper	0R0	0402
R060	1430690	Top	L	5	chip res jumper	0R0	0402
R073	1430690	Top	M	5	chip res jumper	0R0	0402
R074	1430690	Top	M	4	chip res jumper	0R0	0402
R100	1620027	Top	T	5	res network	0W06 2X47R J	0404
R101	1620027	Top	T	5	res network	0W06 2X47R J	0404
R102	1620027	Top	T	6	res network	0W06 2X47R J	0404
R103	1430804	Top	S	6	chip res	0W06 100K J	0402
R104	1430812	Top	S	6	chip res	0W06 220K J	0402
R110	1430804	Top	R	6	chip res	0W06 100K J	0402
R112	1825031	Top	S	7	varistor array	2XVWM16V VC50	0405
R113	1825031	Top	S	6	varistor array	2XVWM16V VC50	0405
R150	1620031	Top	R	7	res network	0W06 2X1K0 J	0404
R151	1620031	Top	Q	6	res network	0W06 2X1K0 J	0404
R152	1620031	Top	R	6	res network	0W06 2X1K0 J	0404
R153	1430778	Top	R	6	chip res	0W06 10K J	0402
R155	1430796	Top	Q	6	chip res	0W06 47K J	0402
R159	1620031	Top	Q	7	res network	0W06 2X1K0 J	0404
R160	1620031	Top	R	7	res network	0W06 2X1K0 J	0404
R161	1430796	Top	Q	7	chip res	0W06 47K J	0402
R162	1430766	Bottom	D	9	chip res	0W06 3K9 J	0402
R163	1430764	Top	S	8	chip res	0W06 3K3 J	0402

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Item	Code	Side	X	Y	Description	Value	Type
R164	1430700	Top	S	7	chip res	0W06 10R J	0402
R165	1430700	Top	S	7	chip res	0W06 10R J	0402
R166	1430700	Top	R	7	chip res	0W06 10R J	0402
R169	1430762	Top	R	7	chip res	0W06 2K2 J	0402
R170	1620031	Top	R	7	res network	0W06 2X1K0 J	0404
R171	1620031	Top	R	7	res network	0W06 2X1K0 J	0404
R172	1620031	Top	Q	7	res network	0W06 2X1K0 J	0404
R173	1430875	Top	Q	7	chip res	0W06 47K D 50PPM	0402
R177	1430693	Top	Q	8	chip res	0W06 5R6 J	0402
R178	1430693	Top	Q	8	chip res	0W06 5R6 J	0402
R179	1825031	Top	A	4	varistor array	2XVWM16V VC50	0405
R180	1825033	Bottom	G	6	chip varistor	VWM14V VC46V	0402
R181	1825033	Bottom	G	6	chip varistor	VWM14V VC46V	0402
R183	1430770	Bottom	E	9	chip res	0W06 4K7 J	0402
R185	1430690	Bottom	D	8	chip res jumper	0R0	0402
R200	1419003	Top	M	8	chip res	0W5 0R22 J 200PPM	1210
R202	1620043	Top	Q	6	res network	0W03 4X100K J	0804
R203	1430770	Top	Q	5	chip res	0W06 4K7 J	0402
R204	1430770	Top	Q	5	chip res	0W06 4K7 J	0402
R220	1430690	Bottom	I	3	chip res jumper	0R0	0402
R222	1430690	Bottom	H	3	chip res jumper	0R0	0402
R300	1430788	Top	S	2	chip res	0W06 22K J	0402
R301	1430742	Top	S	3	chip res	0W06 390R J	0402
R302	1430742	Top	S	4	chip res	0W06 390R J	0402
R304	1430690	Top	Q	2	chip res jumper	0R0	0402
R306	1430770	Bottom	B	7	chip res	0W06 4K7 J	0402
R307	1825033	Top	T	5	chip varistor	VWM14V VC46V	0402
R309	1430740	Bottom	I	9	chip res	0W06 330R J	0402
R310	1825033	Bottom	B	7	chip varistor	VWM14V VC46V	0402
R311	1430770	Bottom	H	2	chip res	0W06 4K7 J	0402
R312	1430770	Bottom	H	2	chip res	0W06 4K7 J	0402
R315	1430691	Top	Q	3	chip res	0W06 2R2 J	0402

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Item	Code	Side	X	Y	Description	Value	Type
R316	1430816	Top	S	2	chip res	0W06 330K J	0402
R317	1430784	Top	S	2	chip res	0W06 15K J	0402
R318	1430726	Top	S	6	chip res	0W06 100R J	0402
R320	1430742	Top	S	4	chip res	0W06 390R J	0402
R321	1430740	Bottom	I	9	chip res	0W06 330R J	0402
R350	1419009	Top	B	3	chip res	0W5 4R7 J 220PPM	1210
R357	1430792	Bottom	Q	6	chip res	0W06 33K J	0402
R359	1430778	Bottom	S	6	chip res	0W06 10K J	0402
R360	1430804	Bottom	S	6	chip res	0W06 100K J	0402
R361	1620019	Bottom	Q	3	res network	0W06 2X10K J	0404
R367	1430786	Bottom	R	8	chip res	0W06 18K J	0402
R369	1430792	Bottom	Q	8	chip res	0W06 33K J	0402
R388	4120071	Top	Q	6	ASIP	EMIF03-SIM01 SIM Filter	BGA8
R427	1430754	Top	P	2	chip res	0W06 1K0 J	0402
R428	1430770	Top	O	2	chip res	0W06 4k7 J	0402
R430	1430754	Top	O	2	chip res	0W06 1K0 J	0402
R431	1430770	Top	N	2	chip res	0W06 4K7 J	0402
R432	1430796	Top	Q	2	chip res	0W06 47K J	0402
R433	1430754	Top	Q	2	chip res	0W06 1K0 J	0402
R434	1430770	Top	Q	3	chip res	0W06 4K7 J	0402
R435	1430770	Top	Q	4	chip res	0W06 4K7 J	0402
R450	1430770	Top	S	5	chip res	0W06 4K7 J	0402
R501	1430700	Bottom	L	7	chip res	0W06 10R J	0402
R503	1430778	Bottom	K	7	chip res	0W06 10K J	0402
R505	1430700	Bottom	L	5	chip res	0W06 10R J	0402
R506	1430706	Bottom	L	5	chip res	0W06 15R J	0402
R508	1430766	Bottom	K	8	chip res	0W06 3K9 J	0402
R509	1430726	Bottom	L	5	chip res	0W06 100R J	0402
R511	1430794	Top	L	7	chip res	0W06 39K J	0402
R512	1430700	Top	L	8	chip res	0W06 10R J	0402
R513	1430700	Bottom	L	7	chip res	0W06 10R J	0402
R515	1430700	Bottom	L	7	chip res	0W06 10R J	0402

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Item	Code	Side	X	Y	Description	Value	Type
R517	1430784	Top	L	7	chip res	0W06 15K J	0402
R519	1430726	Bottom	L	5	chip res	0W06 100R J	0402
R521	1430774	Top	L	7	chip res	0W06 6K8 J	0402
R550	1430778	Bottom	K	7	chip res	0W06 10K J	0402
R601	1430758	Bottom	L	4	chip res	0W06 1K5 J	0402
R602	1430790	Bottom	L	4	chip res	0W06 27K J	0402
R604	1430772	Bottom	K	4	chip res	0W06 5K6 J	0402
R605	1430754	Bottom	L	3	chip res	0W06 1K0 J	0402
R606	1430754	Bottom	L	3	chip res	0W06 1K0 J	0402
R607	1430770	Bottom	L	3	chip res	0W06 4K7 J	0402
R609	1430758	Bottom	L	3	chip res	0W06 1K5 J	0402
R611	1430804	Bottom	L	4	chip res	0W06 100K J	0402
R621	1430774	Bottom	K	4	chip res	0W06 6K8 J	0402
R701	1430762	Bottom	Q	6	chip res	0W06 2K2 J	0402
R702	1430754	Bottom	P	8	chip res	0W06 1K0 J	0402
R703	1430744	Bottom	Q	8	chip res	0W06 470R J	0402
R704	1430770	Bottom	P	8	chip res	0W06 4K7 J	0402
R705	1430790	Bottom	Q	8	chip res	0W06 27K J	0402
R706	1430776	Bottom	P	6	chip res	0W06 8K2 J	0402
R707	1430724	Bottom	J	5	chip res	0W06 82R J	0402
R750	1430681	Bottom	J	6	chip res	0W06 4R3 J	0402
R764	1430796	Bottom	J	5	chip res	0W06 47K J	0402
R765	1430796	Bottom	J	5	chip res	0W06 47K J	0402
R768	1430796	Bottom	J	5	chip res	0W06 47K J	0402
R769	1430681	Bottom	I	6	chip res	0W06 4R3 J	0402
R801	1430734	Bottom	E	5	chip res	0W06 220R J	0402
R802	1430746	Bottom	D	4	chip res	0W06 560R J	0402
R803	1430734	Bottom	E	4	chip res	0W06 220R J	0402
R808	1820039	Bottom	E	3	NTC RES	0W1 47K J B=4050+-3%	0402
R976	1430700	Top	S	7	chip res	0W06 10R J	0402
R977	1430700	Top	S	7	chip res	0W06 10R J	0402
R999	1430804	Top	Q	2	chip res	0W06 100K J	0402

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Item	Code	Side	X	Y	Description	Value	Type
C001	2320518	Bottom	B	2	chip cap	NP0 1P8 C 50V	0402
C002	2320520	Bottom	B	2	chip cap	NP0 2P2 C 50V	0402
C004	2320805	Bottom	B	4	chip cap	X5R 100N K 10V	0402
C005	2320546	Bottom	B	4	chip cap	NP0 27P J 50V	0402
C006	2320536	Bottom	B	5	chip cap	NP0 10P J 50V	0402
C007	2320481	Bottom	B	5	chip cap	X5R 1U K 6V3	0603
C008	2320552	Bottom	B	5	chip cap	NP0 47P J 50V	0402
C009	2320532	Bottom	A	5	chip cap	NP0 6P8 C 50V	0402
C012	2320522	Top	M	3	chip cap	NP0 2P7 C 50V	0402
C014	2320540	Top	M	3	chip cap	NP0 15P J 50V	0402
C015	2320778	Top	M	2	chip cap	X7R 10N K 16V	0402
C017	2320544	Top	L	3	chip cap	NP0 22P J 50V	0402
C018	2320805	Top	L	4	chip cap	X5R 100N K 10V	0402
C019	2320620	Top	M	3	chip cap	X7R 10N J 16V	0402
C020	2320620	Top	L	3	chip cap	X7R 10N J 16V	0402
C021	2320620	Top	M	3	chip cap	X7R 10N J 16V	0402
C023	2320544	Top	M	3	chip cap	NP0 22P J 50V	0402
C024	2320544	Top	L	3	chip cap	NP0 22P J 50V	0402
C025	2320544	Top	M	3	chip cap	NP0 22P J 50V	0402
C026	2320805	Top	M	3	chip cap	X5R 100N K 10V	0402
C029	2320536	Top	L	2	chip cap	NP0 10P J 50V	0402
C051	2320805	Top	L	5	chip cap	X5R 100N K 10V	0402
C052	2320805	Top	L	4	chip cap	X5R 100N K 10V	0402
C054	2320805	Top	M	5	chip cap	X5R 100N K 10V	0402
C056	2320805	Top	M	5	chip cap	X5R 100N K 10V	0402
C057	2320805	Top	M	4	chip cap	X5R 100N K 10V	0402
C058	2320805	Top	M	5	chip cap	X5R 100N K 10V	0402
C060	2320805	Top	L	4	chip cap	X5R 100N K 10V	0402
C063	2316001	Top	M	3	chip cap	X5R 2U2 K 6V3	0603
C064	2316001	Top	M	4	chip cap	X5R 2U2 K 6V3	0603
C065	2320620	Top	M	4	chip cap	X7R 10N J 16V	0402
C068	2320778	Top	L	5	chip cap	X7R 10N K 16V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C101	2320481	Top	S	6	chip cap	X5R 1U K 6V3	0603
C102	2320481	Top	R	6	chip cap	X5R 1U K 6V3	0603
C103	2320544	Top	S	6	chip cap	NP0 22P J 50V	0402
C104	2320544	Top	S	6	chip cap	NP0 22P J 50V	0402
C105	2320544	Top	S	5	chip cap	NP0 22P J 50V	0402
C106	2320744	Bottom	S	3	chip cap	X7R 1N0 K 50V	0402
C107	2320778	Top	R	6	chip cap	X7R 10N K 16V	0402
C108	2320552	Bottom	H	5	chip cap	NP0 47P J 50V	0402
C109	2320552	Bottom	G	6	chip cap	NP0 47P J 50V	0402
C110	2320544	Bottom	S	2	chip cap	NP0 22P J 50V	0402
C111	2320552	Bottom	H	4	chip cap	NP0 47P J 50V	0402
C112	2320536	Bottom	S	7	chip cap	NP0 10P J 50V	0402
C113	2320536	Bottom	S	7	chip cap	NP0 10P J 50V	0402
C114	2320536	Bottom	T	7	chip cap	NP0 10P J 50V	0402
C115	2320536	Bottom	S	8	chip cap	NP0 10P J 50V	0402
C150	2320805	Top	R	6	chip cap	X5R 100N K 10V	0402
C151	2320805	Top	Q	6	chip cap	X5R 100N K 10V	0402
C152	2320552	Top	R	6	chip cap	NP0 47P J 50V	0402
C153	2320552	Top	R	6	chip cap	NP0 47P J 50V	0402
C154	2320805	Top	Q	6	chip cap	X5R 100N K 10V	0402
C155	2320805	Top	Q	7	chip cap	X5R 100N K 10V	0402
C156	2320552	Top	Q	6	chip cap	NP0 47P J 50V	0402
C157	2320805	Top	Q	7	chip cap	X5R 100N K 10V	0402
C158	2320552	Top	Q	7	chip cap	NP0 47P J 50V	0402
C159	2320552	Top	R	7	chip cap	NP0 47P J 50V	0402
C160	2320805	Top	S	8	chip cap	X5R 100N K 10V	0402
C161	2320805	Top	S	8	chip cap	X5R 100N K 10V	0402
C162	2320552	Top	Q	7	chip cap	NP0 47P J 50V	0402
C163	2320505	Top	R	7	chip cap	X5R 4U7 K 6.3V	0603
C164	2320805	Top	S	7	chip cap	X5R 100N K 10V	0402
C165	2320505	Top	R	7	chip cap	X5R 4U7 K 6.3V	0603
C166	2320805	Top	R	7	chip cap	X5R 100N K 10V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C167	2320552	Bottom	D	9	chip cap	NP0 47P J 50V	0402
C168	2320805	Top	S	7	chip cap	X5R 100N K 10V	0402
C169	2320805	Top	R	7	chip cap	X5R 100N K 10V	0402
C170	2320552	Top	Q	6	chip cap	NP0 47P J 50V	0402
C171	2320552	Top	R	7	chip cap	NP0 47P J 50V	0402
C172	2320805	Top	Q	6	chip cap	X5R 100N K 10V	0402
C173	2320552	Top	Q	7	chip cap	NP0 47P J 50V	0402
C174	2320805	Top	Q	7	chip cap	X5R 100N K 10V	0402
C175	2320805	Top	R	6	chip cap	X5R 100N K 10V	0402
C176	2320805	Top	R	7	chip cap	X5R 100N K 10V	0402
C177	2320552	Bottom	D	9	chip cap	NP0 47P J 50V	0402
C179	2320805	Bottom	D	9	chip cap	X5R 100N K 10V	0402
C180	2320481	Top	S	8	chip cap	X5R 1U K 6V3	0603
C181	2320481	Top	R	8	chip cap	X5R 1U K 6V3	0603
C182	2320805	Bottom	E	9	chip cap	X5R 100N K 10V	0402
C183	2315201	Top	S	7	chip array	NP0 2X27P K 25V	0405
C184	2315201	Top	S	7	chip array	NP0 2X27P K 25V	0405
C185	2315205	Bottom	G	6	chip array	X5R 2X1N M 16V	0405
C190	2320548	Top	R	8	chip cap	NP0 33P J 50V	0402
C202	2320778	Top	O	8	chip cap	X7R 10N K 16V	0402
C211	2320481	Top	Q	8	chip cap	X5R 1U K 6V3	0603
C222	2320805	Top	O	5	chip cap	X5R 100N K 10V	0402
C224	2320143	Top	O	8	chip cap	X5R 220N K 6.3V	0402
C225	2320805	Top	O	5	chip cap	X5R 100N K 10V	0402
C226	2320481	Top	Q	7	chip cap	X5R 1U K 6V3	0603
C227	2320778	Top	Q	5	chip cap	X7R 10N K 16V	0402
C229	2320805	Top	O	5	chip cap	X5R 100N K 10V	0402
C230	2320778	Top	Q	4	chip cap	X7R 10N K 16V	0402
C232	2320778	Top	Q	5	chip cap	X7R 10N K 16V	0402
C233	2320481	Top	Q	7	chip cap	X5R 1U K 6V3	0603
C234	2320481	Top	P	8	chip cap	X5R 1U K 6V3	0603
C235	2320481	Top	P	8	chip cap	X5R 1U K 6V3	0603

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Item	Code	Side	X	Y	Description	Value	Type
C237	2320481	Top	O	8	chip cap	X5R 1U K 6V3	0603
C238	2320805	Top	Q	6	chip cap	X5R 100N K 10V	0402
C239	2320481	Top	P	8	chip cap	X5R 1U K 6V3	0603
C240	2320481	Top	O	8	chip cap	X5R 1U K 6V3	0603
C241	2320805	Top	O	8	chip cap	X5R 100N K 10V	0402
C242	2320481	Top	P	5	chip cap	X5R 1U K 6V3	0603
C243	2320481	Top	P	5	chip cap	X5R 1U K 6V3	0603
C244	2320481	Top	O	5	chip cap	X5R 1U K 6V3	0603
C245	2320481	Top	O	8	chip cap	X5R 1U K 6V3	0603
C246	2320481	Top	N	6	chip cap	X5R 1U K 6V3	0603
C247	2320481	Top	N	6	chip cap	X5R 1U K 6V3	0603
C248	2320481	Top	N	7	chip cap	X5R 1U K 6V3	0603
C249	2320481	Top	N	7	chip cap	X5R 1U K 6V3	0603
C250	2320481	Top	N	7	chip cap	X5R 1U K 6V3	0603
C251	2320481	Top	N	7	chip cap	X5R 1U K 6V3	0603
C252	2320481	Top	M	7	chip cap	X5R 1U K 6V3	0603
C253	2320481	Top	M	7	chip cap	X5R 1U K 6V3	0603
C254	2320481	Top	M	6	chip cap	X5R 1U K 6V3	0603
C255	2320481	Top	M	7	chip cap	X5R 1U K 6V3	0603
C256	2320481	Top	M	6	chip cap	X5R 1U K 6V3	0603
C257	2320481	Top	M	7	chip cap	X5R 1U K 6V3	0603
C258	2320481	Top	N	8	chip cap	X5R 1U K 6V3	0603
C259	2320481	Top	M	8	chip cap	X5R 1U K 6V3	0603
C260	2320505	Top	N	8	chip cap	X5R 4U7 K 6.3V	0603
C261	2320505	Top	N	8	chip cap	X5R 4U7 K 6.3V	0603
C264	2320481	Top	O	8	chip cap	XR5 1U K 6V3	0603
C270	2320505	Bottom	G	3	chip cap	X5R 4U7 K 6.3V	0603
C271	2310037	Bottom	H	3	chip cap	X5R 10U M 6V3	0805
C272	2320505	Bottom	G	2	chip cap	X5R 4U7 K 6.3V	0603
C273	2320805	Bottom	G	3	chip cap	X5R 100N K 10V	0402
C302	2320556	Top	S	2	chip cap	NP0 68P J 50V	0402
C303	2320125	Top	R	2	chip cap	X5R 1U K 16V	0603

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Item	Code	Side	X	Y	Description	Value	Type
C304	2320125	Top	R	2	chip cap	X5R 1U K 16V	0603
C310	2320544	Bottom	B	6	chip cap	NP0 22P J 50V	0402
C311	2320544	Bottom	H	2	chip cap	NP0 22P J 50V	0402
C312	2320544	Bottom	H	2	chip cap	NP0 22P J 50V	0402
C350	2320505	Top	B	3	chip cap	X5R 4U7 K 6.3V	0603
C352	2320805	Top	B	3	chip cap	X5R 100N K 10V	0402
C353	2320805	Top	B	4	chip cap	X5R 100N K 10V	0402
C357	2320778	Bottom	S	6	chip cap	X7R 10N K 16V	0402
C358	2320785	Bottom	S	6	chip cap	X7R 47N K 10V	0402
C359	2320805	Bottom	Q	7	chip cap	X5R 100N K 10V	0402
C361	2320744	Bottom	Q	8	chip cap	X7R 1N0 K 50V	0402
C362	2320778	Bottom	S	6	chip cap	X7R 10N K 16V	0402
C363	2315261	Bottom	R	8	chip array	X5R 2X47N K 10V	0405
C364	2321007	Bottom	Q	8	chip cap	X7R 22N K 16V	0402
C365	2315209	Bottom	R	8	chip array	X5R 2X33N M 10V	0405
C366	2320785	Bottom	R	8	chip cap	X7R 47N K 10V	0402
C367	2320560	Bottom	S	8	chip cap	NP0 100P J 50V	0402
C370	2320760	Bottom	S	7	chip cap	X7R 4N7 K 25V	0402
C371	2320778	Bottom	S	8	chip cap	X7R 10N K 16V	0402
C372	2320481	Bottom	S	8	chip cap	X5R 1U K 6V3	0603
C373	2321007	Bottom	Q	7	chip cap	X7R 22N K 16V	0402
C374	2320744	Bottom	Q	7	chip cap	X7R 1N0 K 50V	0402
C375	2320752	Bottom	Q	7	chip cap	X7R 2N2 K 50V	0402
C378	2320546	Bottom	S	7	chip cap	NP0 27P J 50V	0402
C379	2320552	Bottom	S	7	chip cap	NP0 47P J 50V	0402
C388	2320805	Top	Q	6	chip cap	X5R 100N K 10V	0402
C400	2320805	Top	O	5	chip cap	X5R 100N K 10V	0402
C401	2320805	Top	O	2	chip cap	X5R 100N K 10V	0402
C402	2320805	Top	N	5	chip cap	X5R 100N K 10V	0402
C403	2320805	Top	Q	4	chip cap	X5R 100N K 10V	0402
C404	2320805	Top	P	2	chip cap	X5R 100N K 10V	0402
C405	2320805	Top	N	5	chip cap	X5R 100N K 10V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C422	2320620	Top	P	2	chip cap	X7R 10N J 16V	0402
C423	2320744	Top	O	2	chip cap	X7R 1N0 K 50V	0402
C424	2320620	Top	O	2	chip cap	X7R 10N J 16V	0402
C425	2320744	Top	N	2	chip cap	X7R 1N0 K 50V	0402
C426	2320620	Top	Q	3	chip cap	X7R 10N J 16V	0402
C427	2320744	Top	Q	3	chip cap	X7R 1N0 K 50V	0402
C428	2320778	Top	Q	4	chip cap	X7R 10N K 16V	0402
C429	2320783	Top	Q	3	chip cap	X7R 33N K 10V	0402
C430	2320783	Top	O	2	chip cap	X7R 33N K 10V	0402
C431	2320783	Top	O	2	chip cap	X7R 33N K 10V	0402
C435	2320778	Bottom	P	6	chip cap	X7R 10N K 16V	0402
C450	2320778	Top	Q	4	chip cap	X7R 10N K 16V	0402
C451	2320805	Top	Q	4	chip cap	X5R 100N K 10V	0402
C454	2320778	Top	S	5	chip cap	X7R 10N K 16V	0402
C501	2320552	Bottom	L	7	chip cap	NP0 47P J 50V	0402
C502	2320576	Top	L	7	chip cap	X7R 470P J 50V	0402
C503	2320783	Top	L	7	chip cap	X7R 33N K 10V	0402
C504	2320620	Bottom	L	7	chip cap	X7R 10N J 16V	0402
C505	2320620	Top	M	8	chip cap	X7R 10N J 16V	0402
C507	2320620	Bottom	L	7	chip cap	X7R 10N J 16V	0402
C508	2420003	Bottom	K	7	chip cap	PPS 33N J 16V	1206
C509	2320584	Bottom	K	7	chip cap	X7R 1N0 J 50 V	0402
C510	2420003	Bottom	K	7	chip cap	PPS 33N J 16V	1206
C511	2320481	Bottom	L	7	chip cap	X5R 1U K 6V3	0603
C512	2320576	Top	L	7	chip cap	X7R 470P J 50V	0402
C513	2320576	Top	L	7	chip cap	X7R 470P J 50V	0402
C514	2320550	Bottom	K	5	chip cap	NP0 39P J 50V	0402
C515	2320552	Bottom	L	8	chip cap	NP0 47P J 50V	0402
C516	2320548	Bottom	L	5	chip cap	NP0 33P J 50V	0402
C517	2320576	Bottom	L	8	chip cap	X7R 470P J 50V	0402
C518	2320618	Bottom	L	7	chip cap	X7R 4N7 J 25V	0402
C519	2320522	Bottom	K	5	chip cap	NP0 2P7 C 50V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C520	2320481	Top	L	8	chip cap	X5R 1U K 6V3	0603
C521	2320805	Bottom	L	7	chip cap	X5R 100N K 10V	0402
C522	2320620	Bottom	L	7	chip cap	X7R 10N J 16V	0402
C524	2320546	Top	L	6	chip cap	NP0 27P J 50V	0402
C532	2320532	Bottom	L	7	chip cap	NP0 6P8 C 50V	0402
C550	2320584	Bottom	K	7	chip cap	X7R 1N0 J 50V	0402
C553	2320538	Bottom	L	5	chip cap	NP0 12P J 50V	0402
C602	2320633	Bottom	L	3	chip cap	NP0 220P J 25V	0402
C603	2320538	Bottom	K	4	chip cap	NP0 12P J 50V	0402
C605	2320560	Bottom	K	3	chip cap	NP0 100P J 50V	0402
C606	2320744	Bottom	L	4	chip cap	X7R 1N0 K 50V	0402
C607	2320620	Bottom	L	4	chip cap	X7R 10N J 16V	0402
C608	2320538	Bottom	I	3	chip cap	NP0 12P J 50V	0402
C611	2320538	Bottom	J	3	chip cap	NP0 12P J 50V	0402
C612	2320584	Bottom	L	2	chip cap	X7R 1N0 J 50V	0402
C613	2320109	Bottom	L	2	chip cap	X7R 15N J 25V	0603
C614	2320538	Bottom	K	4	chip cap	NP0 12P J 50V	0402
C618	2320602	Bottom	L	2	chip cap	NP0 4P7 C 50V	0402
C619	2320552	Bottom	J	4	chip cap	NP0 47P J 50V	0402
C621	2320744	Bottom	J	4	chip cap	X7R 1N0 K 50V	0402
C627	2320538	Bottom	I	3	chip cap	NP0 12P J 50V	0402
C629	2321011	Bottom	L	3	chip cap	NP0 8P0+/-0.5P 50V	0402
C630	2320604	Bottom	L	3	chip cap	NP0 18P J 50V	0402
C631	2320520	Bottom	L	3	chip cap	NP0 2P2 C 50V	0402
C632	2320560	Bottom	L	3	chip cap	NP0 100P J 50V	0402
C633	2320552	Bottom	J	3	chip cap	NP0 47P J 50V	0402
C634	2320596	Bottom	K	2	chip cap	X7R 3N3 J 50V	0402
C635	2320596	Bottom	J	3	chip cap	X7R 3N3 J 50V	0402
C637	2320560	Bottom	L	3	chip cap	NP0 100P J 50V	0402
C638	2320620	Bottom	L	3	chip cap	X7R 10N J 16V	0402
C639	2320596	Bottom	J	3	chip cap	X7R 3N3 J 50V	0402
C640	2320524	Bottom	K	3	chip cap	NP0 3P3 C 50V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C642	2320524	Bottom	K	3	chip cap	NP0 3P3 C 50V	0402
C645	2320538	Bottom	I	3	chip cap	NP0 12P J 50V	0402
C646	2320538	Bottom	K	3	chip cap	NP0 12P J 50V	0402
C647	2320538	Bottom	K	3	chip cap	NP0 12P J 50V	0402
C648	2320744	Bottom	J	3	chip cap	X7R 1N0 K 50V	0402
C649	2320522	Bottom	J	4	chip cap	NP0 47P J 50V	0402
C650	2320538	Bottom	I	3	chip cap	NP0 12P J 50V	0402
C651	2320538	Bottom	J	3	chip cap	NP0 12P J 50V	0402
C652	2320481	Bottom	K	2	chip cap	X5R 1U K 6V3	0603
C660	2320538	Bottom	K	2	chip cap	NP0 12P J 50V	0402
C666	2320552	Bottom	K	4	chip cap	NP0 47P J 50V	0402
C677	2320552	Bottom	J	3	chip cap	NP0 47P J 50V	0402
C701	2320783	Bottom	Q	8	chip cap	X7R 33N K 10V	0402
C702	2320584	Bottom	P	8	chip cap	X7R 1N0 J 50V	0402
C703	2320805	Bottom	Q	6	chip cap	X5R 100N K 10V	0402
C704	2320778	Bottom	P	6	chip cap	X7R 10N K 16V	0402
C706	2320778	Bottom	Q	8	chip cap	X7R 10N K 16V	0402
C707	2320778	Bottom	Q	6	chip cap	X7R 10N K 16V	0402
C708	2320778	Bottom	O	8	chip cap	X7R 10N K 16V	0402
C710	2320778	Bottom	P	8	chip cap	X7R 10N K 16V	0402
C712	2320778	Bottom	O	8	chip cap	X7R 10N K 16V	0402
C714	2360001	Bottom	P	8	chip cap	X5R 330N K 10V	0603
C715	2320620	Bottom	P	8	chip cap	X7R 10N J 16V	0402
C716	2320544	Bottom	P	8	chip cap	NP0 22P J 50V	0402
C718	2320778	Bottom	O	8	chip cap	X7R 10N K 16V	0402
C722	2320778	Bottom	O	7	chip cap	X7R 10N K 16V	0402
C723	2320778	Bottom	O	7	chip cap	X7R 10N K 16V	0402
C740	2320544	Bottom	O	7	chip cap	NP0 22P J 50V	0402
C750	2320560	Bottom	J	5	chip cap	NP0 100P J 50V	0402
C753	2320560	Bottom	I	5	chip cap	NP0 100P J 50V	0402
C755	2320516	Bottom	I	7	chip cap	NP0 1P5 C 50V	0402
C756	2320560	Bottom	J	5	chip cap	NP0 100P J 50V	0402

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Item	Code	Side	X	Y	Description	Value	Type
C757	2320554	Bottom	I	7	chip cap	NP0 56P J 50V	0402
C758	2320785	Bottom	I	7	chip cap	X7R 47N K 10V	0402
C759	2320602	Bottom	J	8	chip cap	NP0 4P7 C 50V	0402
C761	2320596	Bottom	M	6	chip cap	X7R 3N3 J 50V	0402
C763	2320538	Bottom	I	6	chip cap	NP0 12P J 50V	0402
C766	2320560	Bottom	J	8	chip cap	NP0 100P J 50V	0402
C767	2320576	Bottom	M	7	chip cap	X7R 470P J 50V	0402
C769	2320596	Bottom	J	6	chip cap	X7R 3N3 J 50V	0402
C770	2320514	Bottom	O	6	chip cap	NP0 1P2 C 50V	0402
C771	2320532	Bottom	P	6	chip cap	NP0 6P8 C 50V	0402
C772	2320532	Bottom	P	6	chip cap	NP0 6P8 C 50V	0402
C777	2320536	Bottom	O	7	chip cap	NP0 10P J 50V	0402
C778	2320532	Bottom	O	8	chip cap	NP0 6P8 C 50V	0402
C779	2320532	Bottom	O	8	chip cap	NP0 6P8 C 50V	0402
C781	2320526	Bottom	M	8	chip cap	NP0 3P9 C 50V	0402
C783	2320602	Bottom	M	8	chip cap	NP0 4P7 C 50V	0402
C784	2320584	Bottom	M	8	chip cap	X7R 1N0 J 50V	0402
C785	2320516	Bottom	I	5	chip cap	NP0 1P5 C 50V	0402
C786	2320805	Bottom	M	8	chip cap	X5R 100N K 10V	0402
C787	2320538	Bottom	J	6	chip cap	NP0 12P J 50V	0402
C788	2320805	Bottom	J	6	chip cap	X5R 100N K 10V	0402
C801	2320552	Bottom	I	4	chip cap	NP0 47P J 50V	0402
C802	2320538	Bottom	I	3	chip cap	NP0 12P J 50V	0402
C803	2320538	Bottom	D	4	chip cap	NP0 12P J 50V	0402
C807	2320778	Bottom	D	4	chip cap	X7R 10N K 16V	0402
C808	2320584	Bottom	C	3	chip cap	X7R 1N0 J 50V	0402
C809	2320540	Bottom	C	3	chip cap	NP0 15P J 50V	0402
C810	2320584	Bottom	E	4	chip cap	X7R 1N0 J 50V	0402
C811	2320556	Bottom	E	3	chip cap	NP0 68P J 50V	0402
C813	2320552	Bottom	E	3	chip cap	NP0 47P J 50V	0402
C814	2320560	Bottom	C	4	chip cap	NP0 100P J 50V	0402
C817	2310037	Bottom	E	4	chip cap	X5R 10U M 6V3	0805

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Item	Code	Side	X	Y	Description	Value	Type
L001	3646401	Bottom	C	2	chip coil	2N J Q16/250MHz	0402
L002	3646009	Bottom	B	2	chip coil	10N J Q30/800MHz	0402
L005	3646061	Bottom	B	5	chip coil	15N J Q30/800MHz	0402
L006	3646051	Bottom	B	5	chip coil	3N9+-0N3 Q28/800MHz	0402
L008	3646055	Top	M	3	chip coil	8N2 J Q28/800MHz	0402
L100	3203743	Bottom	T	4	ferrite bead	0R03 42R/100MHz 3A	0805
L102	3203803	Top	R	6	chip bead array	2X1000R 0R75	0405
L103	3203803	Top	S	6	chip bead array	2X1000R 0R75	0405
L104	3203803	Top	S	7	chip bead array	2X1000R 0R75	0405
L106	3203725	Top	T	5	ferrite bead	600R/100MHz	0402
L107	3203741	Top	T	6	ferrite bead	0R5 600R/100MHz	0603
L151	3645349	Bottom	G	5	chip coil	33NH G Q40/250MHz	0603
L152	3645349	Bottom	G	5	chip coil	33NH G Q40/250MHz	0603
L270	3203723	Bottom	G	3	ferrite bead	0R35 68R/100MHz	0603
L271	3640163	Bottom	H	2	choke	10U M 0.4A 0R8	3.3X3.3X1.3
L300	3640161	Top	R	3	choke	22U M 0.33A 1R5	3.3X3.3X1.3
L351	3646081	Bottom	S	8	chip coil	68N J Q17/300MHz	0402
L356	3645349	Bottom	R	6	chip coil	33NH G Q40/250MHz	0603
L357	3645349	Bottom	R	6	chip coil	33NH G Q40/250MHz	0603
L358	3645233	Bottom	S	7	chip coil	120N G Q32/150MHz	0603
L501	3646007	Bottom	K	5	chip coil	27N J Q27/800MHz	0402
L507	3646043	Bottom	L	5	chip coil	1N5+-0N3 Q33/800MHz	0402
L520	3646221	Bottom	L	5	chip coil	4N7+-0N3 Q7/100MHz	0402
L603	3646225	Bottom	K	4	chip coil	6N8 J Q7/100MHz	0402
L604	3646225	Bottom	K	3	chip coil	6N8 J Q7/100MHz	0402
L609	3646047	Bottom	K	3	chip coil	3N3+-0N3 Q28/800MHz	0402
L610	3646047	Bottom	K	3	chip coil	3N3+-0N3 Q28/800MHz	0402
L611	3645219	Bottom	L	3	chip coil	10N J Q31/250MHz	0603
L666	3646085	Bottom	K	3	chip coil	6N8 K Q29/800MHz	0402

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Item	Code	Side	X	Y	Description	Value	Type
L667	3646043	Bottom	K	2	chip coil	1N5+-0N3 Q33/800MHz	0402
L701	3645223	Bottom	P	8	chip coil	33N J Q40/250MHz	0603
L702	3646065	Bottom	J	5	chip coil	12N J Q31/800MHz	0402
L750	3646415	Bottom	I	7	chip coil	19N J Q24/250MHz	0402
L751	3646405	Bottom	I	7	chip coil	6N2 J Q20/250MHz	0402
L752	3646061	Bottom	I	7	chip coil	15N J Q30/800MHz	0402
L753	3645351	Bottom	J	7	chip coil	220N J Q8/50MHz	0603
L754	3645189	Bottom	M	6	chip coil	100N J Q12/100MHz	0603
L755	3646067	Bottom	J	6	chip coil	18N J Q29/800MHz	0402
L757	3646061	Bottom	I	7	chip coil	15N J Q30/800MHz	0402
L759	3645227	Bottom	O	7	chip coil	100N J Q34/150MHz	0603
L760	3645229	Bottom	P	6	chip coil	120N J Q32/150MHz	0603
L761	3645229	Bottom	P	6	chip coil	120N J Q32/150MHz	0603
L762	3645195	Bottom	M	7	chip coil	82N J Q12/100MHz	0603
L764	3645301	Bottom	M	8	chip coil	180N J Q13/100MHz	0603
L765	3645229	Bottom	O	7	chip coil	120N J Q32/150MHz	0603
L766	3645229	Bottom	O	8	chip coil	120N J Q32/150MHz	0603
L767	3645319	Bottom	O	7	chip coil	220N J Q25/100MHz	0603
L768	3645319	Bottom	O	8	chip coil	220N J Q25/100MHz	0603
L770	3645195	Bottom	J	7	chip coil	82N J Q12/100MHz	0603
L771	3646099	Bottom	J	6	chip coil	2N7+-0N3 Q29/800MHz	0402
L773	3646099	Bottom	I	6	chip coil	2N7+-0N3 Q29/800MHz	0402
L801	3645191	Bottom	E	4	chip coil	8N2 J Q10/100MHz	0603
L802	3646223	Bottom	D	4	chip coil	5N6+-0N3 Q7/100MHz	0402
L804	3203803	Top	R	8	chip bead array	2X1000R 0R75	0405
V001	4210265	Bottom	B	5	TR BFP620 LNA	65GHz NF.7Db	SOT343
V100	4113721	Bottom	S	3	TVS DI 1PMT16AT3	16V 175W	PWRMITE
V101	4120011	Top	T	6	ZDIX4 IP4043CX5 CA	14V2 10W	CSP5
V300	4110475	Top	R	2	SCH DI	RB521S	
V305	4219921	Top	S	5	TR DTC143ZE N	RBE4K7/47K 0A1	SC75
V356	4110965	Bottom	R	6	CAP DI BB202	CT=2.5 FM 0R8	SOD523

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Item	Code	Side	X	Y	Description	Value	Type
V357	4110965	Bottom	R	6	CAP DI BB202	CT=2.5 FM 0R8	SOD523
V420	4219921	Top	Q	2	TR DTC143ZE N	RBE4K7/47K 0A1	SC75
V421	4219921	Top	O	2	TR DTC143ZE N	RBE4K7/47K 0A1	SC75
V422	4219921	Top	N	2	TR DTC143ZE N	RBE4K7/47K 0A1	SC75
V423	4219937	Top	P	2	TRX2 UMT1/PUMT1	P40V100MA	SOT363
V601	4110921	Bottom	L	2	CAP DI	BBY57-02W 1/4 16/4P	SOD523
V602	4112491	Bottom	L	4	PIN DI	BA892	
V701	4110921	Bottom	O	8	CAP DI	BBY57-02W 1/4 16/4P	SOD523
G502	4350329	Bottom	L	6	VCO	986-1034/2040-2140MHz 2.7V	
G503	4510435	Top	M	7	VCTCXO	19.2MHz+-2PPM 2.78V 2.2MA	
D051	4370947	Top	O	5	TWL5001 GPS BB ASIC	V1.2	
D200	4370825	Top	O	7	UEMK	W-Dog ENA TO21	TFBGA168
D400	4375019	Top	R	4	UPP8M V3.5	F751542I UBGA144	C035
D450	4341501	Top	R	4	Combo	128M NOR + 8M	SRAM TBGA48
D572	4341645	Top	L	6	ULP Inverter	0.9-3.6V	SC-70
N001	4370953	Top	L	3	GPS RX	TRF5101 PG2.1	PBGA-49
N052	4341421	Top	M	4	VREG	2.8V/150MA (LP3985ITLX)	USMD5
N100	4341421	Top	R	6	VREG	2.8V/150MA (LP3985ITLX)	USMD5
N150	4341417	Top	S	8	AF Amp	85MW/5V (LM4855ITLX)	USMD18
N270	4341609	Bottom	G	3	VREG PWM/LDO	(NCP1501)	MSOP8
N300	4341309	Top	S	3	DC/DC Conv	350MA(TK11851)	SOP8
N350	4860181	Bottom	B	3	IRDA 1.3	1.152MBIT/S >2.4V	8PIN
N356	4341427	Bottom	R	7	FM Receiver	(TEA5767HN)	LQFP40
N502	4341295	Bottom	K	5	FR Amp	G5.5Db/2.1GHz(ULOBA)	SC70-6
N507	4341395	Bottom	L	8	1XPLL/SYNTH	2.5GHz(LMX2310U)	MLF20
N601	4370857	Bottom	K	3	ROBIND SSBUP-Converter	CDMA	TFBGA
N602	4370887	Bottom	J	2	Hornet	RF2357E7	PCS Driver Amp
N603	4370885	Bottom	J	4	Tomcat	RF2356E4 CDMA 2000	SOT23-8

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Item	Code	Side	X	Y	Description	Value	Type
N605	4341311	Bottom	I	3	Switch SPDT	GAAS (SW-437)	SC70-6
N701	4370851	Bottom	P	7	BATMAND RFIC RCVR	CDMA	UFBGA84
N750	4375161	Bottom	J	7	LNA/MIXER/ DOWNCNTR	Alfred	VQFN-24
N801	4350343	Bottom	F	3	PW Amp	RF9209E6.7 CDMA800	
N802	4350377	Bottom	D	3	PW Amp	RF9318 CDMA190	(NIMBUS)
N806	4120091	Bottom	D	4	ASIP	STPAC01-F1 CDMA PWR DET	BGA8
B002	4510415	Top	L	2	TCXO	16.368MHz+-1.5PPM 2.8V	GPS
B200	4510303	Top	Q	8	Crystal	32.768KHz+-20PPM	12.5PF
T603	4550211	Bottom	K	2	TRANSF BALUN	1850-1990MHz	SMD
T604	4550209	Bottom	J	3	TRANSF BALUN	824-894MHz	SMD
Z001	4550253	Bottom	B	4	CER Filter	1575.42+-4MHz	3.5X3.5X2
Z002	4510367	Top	M	3	SAW Filter	1575+-2MHz/2Db	2.6X2.1X1
Z300	4120031	Top	Q	3	EMI/ESD FILT	EMIF10-1K010F1	BGA24
Z601	4511331	Bottom	I	2	Dual SAW Filter	1867/1892+-17.5MHz	
Z604	4511275	Bottom	I	8	SAW Filter	836.5+-12.5MHz/3.5Db	3X3
Z750	4511423	Bottom	J	8	SAW Filter	1960+-30MHz/3.2Db	2X1.6
Z751	4511309	Bottom	J	7	SAW Filter	881.5+-12.5MHz/3Db	2.5X2
Z752	4510359	Bottom	N	4	XTAL Filter	128.1MHz+-15KHz	3.8X3.8
Z753	4511429	Bottom	N	4	SAW Filter	128.1+-0.615MHz	8.7X4.6
Z801	4510427	Bottom	D	5	Isolator	1880+-30MHz 15Db	4X4X1.6
Z802	4510425	Bottom	F	5	Isolator	836+-12.5MHz 12Db	5X5X1.8
Z803	4512175	Bottom	F	6	DUPL	824-849/869-894MHz	5X5X1.5
Z804	4512191	Bottom	D	2	DUPL	1850-1910/ 1930-1990MHz	5X5
Z805	4550117	Bottom	D	2	DIPL	824-894/ 1850-1990MHz	3.2X1.6
S300	5209001	Bottom	D	7	SM SW TACT SPST	12V 50 MA	Side Key
S301	5209001	Bottom	G	4	SM SW TACT SPST	12V 50 MA	Side Key
S302	5409235	Bottom	A	3	SM TACT SW TRAV	0.2	4.1X3.55X 1.75
F100	5119019	Bottom	T	4	SM Fuse F	1.5A 32V	0603
X001	5420047	Bottom	C	3	SM COAX CONN+SW F	50R 250V 6GHz	

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Item	Code	Side	X	Y	Description	Value	Type
X100	5409141	Bottom	H	4	SM Battery Connector	4POL SPR 12V 2A	
X101	5460061	Bottom	U	6	SM System Connector	14POL	
X301	5469135	Top	T	4	SM CONN	2X8 SPR 50V 0.5A	PWB/PWB
X302	5469175	Top	B	7	SM CONN	2X5F P0.5	PWB/PWB
X386	5409317	Bottom	P	4	SM SIM CONN	2X3POL P2.54MM	
X814	5420047	Bottom	D	7	SM COAX CONN+SW F	50R 250V 6GHz	
A901	9511194				CAN LNA	DMD10501	RH-27
A902	9517280				CAN PA ASSY	DMC06264	RH-27
A903	9517281				CAN RF ASSY	DMC06208	RH-27
A904	9517282				CAN RF/RX ASSY	DMC06207	RH-27

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